TSOMAYA, V.Sh.

Method of estimating the amount of snow in mountain river basins of Transcaucasia. Trudy Tbil.NIGMI no.5:152-162 '59. (MIRA 13:6)
(Transcaucasia--Snow)

TSOMAYA, V. Sh.

3(1) PHASE I BOOK EXPLOITATION SOV/3099

Tbilisi. Nauchno-issledovatel'skiy gidrometeorologicheskiy institut

Trudy, Vyp. 4 (Transactions of the Tbilisi Hydro-Meteorological Scientific Research Institute, No. 4) Leningrad, Gidrometeoizdat, 1959. 178 p. 1,500 copies printed.

Additional Sponsoring Agency: USSR. Soviet Ministrov. Glavnoye upravleniye gidrometeorologicheskoy sluzhby.

Ed. (Title page): V. P. Lominadze; Ed. (Inside book): V. D. Pisarevskaya; Tech. Ed.: N. V. Volkov.

PURPOSE: This book is intended for meteorologists and hydrologists.

COVERAGE: This is a collection of 12 articles on jet streams and turbulent
currents, the analysis of the effect of orography on changes in atmospheric
pressure, the characteristics of the temperature regime in the free atmos-
phere, the development of methods of forecasting storms, low cloud ceilings,
fogs, water discharges, spring floods and various other hydrometeorological
phenomena in the Transcaucasia area. Of particular interest are articles on
visibility conditions around Transcaucasian airports the aerosynoptic
conditions causing air bumpiness in the area. References accompany each
article.

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TSOMAYA, V.Sh.

Results of leveling work on the Kazbeg glaciers. Meteor. i gidrol. no.10:36-37 O '61. (MIRA 14:9)
(Kazbeg region--Glaciers)

TSOMAYA, V. Sh., Cand of Geog Sci — (diss) "Accumulation of Snow in Basins of Mountain Streams of Georgia and the Exact Determination of Its Elements," Tbilisi, 1959, 14 pp (Tbilisi State Univ im Stalin) (KL, 5-60, 124)

TSOMAYA, V.Sh.

Method of forecasting spring high water in rivers of Georgia on the basis of previous hydrometeorological factors. Trudy Tbil. NIGMI no.4:168-171 '59. (MIRA 13:4)
(Georgia--Hydrometeorology)

3(7) SOV/56-59-10-6/25

AUTHOR: Taomaya, V. Sh.

TITLE: Variation in the Velocity of Glacier Recess in the Caucasus as a Result of Climate Moderation

PERIODICAL: Meteorologiya i gidrologiya, 1959, Nr 10, pp 24 - 25 (USSR)

ABSTRACT: The author presents a table with data on the variation in the velocity of recess of the glaciers Gergeti, Yuge-Vostochnyy, Belengi, Zigitli and Tikhitsar from 1861 to 1958. Herefrom it may be seen that in the last years (1930 - 1958) the glaciers receded twice or triple as rapidly as from 1860 to 1930. The situation is quite similar with the snow-line in the area of the Kazbegi glaciation, where a considerable acceleration of the upward movement of the snow-line was observed during the last years. In 1956 the snow-line was found at 3500 - 3700 m above sea level, while it was about 200-300 m lower in 1911. These conclusions apply for all glaciated areas of the Greater Caucasus, what is confirmed by an analysis of the data concerning the recess of the Alibek glacier (Ref 2). There are 1 table and 5 Soviet references.

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TSOMAYA, V. Sh.
p. 2

3(7)
AUTHOR: Khmaladze, G. N.

SOV/50-59-4-20/21

TITLE: Snow Surveys in the Mountains of the Caucasus
(O snegos"yemkakh v gorakh Kavkaza)

PERIODICAL: Meteorologiya i gidrologiya, 1959, Nr 4, p 77 (USSR)

ABSTRACT: In the resolutions of the Vtoroye Vsesoyuznoye soveshchaniye po izucheniyu snezhnogo pokrova v gorakh (Second All-Union Conference on the Study of the Snow Cover in the Mountains), which took place in Tbilisi in October 1956, meetings of snow surveyors were alternately provided for in Tbilisi, Baku and Yerevan. According to these resolutions, the Tbilisskiy nauchno-issledovatel'skiy gidrometeorologicheskiy institut (TNIGMI) (Tbilisi Hydrometeorological Scientific Research Institute) organized such a meeting in 1957. On December 18-20, 1958, such a meeting was organized by the TNIGMI in Yerevan. Besides experts of the UGMS (Hydrometeorological Service Administration), also representatives of the Akademiya nauk Armyanskoy SSR (Academy of Sciences of the Armyanskaya SSR), of the Armgidep and the Geograficheskoye obshchestvo Armyanskoy SSR (Geographic Society of the Armyanskaya SSR), attended this meeting. An exhibition of the works by the snow-surveying squads

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of the UGMS of the 3 Transcaucasian Republics was installed in the meeting room. At the end of the meeting, a short film entitled "Snow Surveys in the Mountains" was shown. The film was made by I. Kisin and Sh. Agayev, co-workers of the UGMS of the Azerbaydzhanskaya SSR, under the direction of V. S. Vlasova. G. N. Khmaladze, Chief of the Department of Hydrological Investigations and Forecasts, opened the meeting with a report of information. He spoke on the state of snow surveying and glacier research work to be carried out in 1959 by the UGMS and TNIGMI. Reports were then delivered by the directors and experts of the UGMS of the Azerbaydzhanskaya SSR (Sh. Agayev), of the Armyanskaya SSR (A. Pogosyan) and of the Gruzinskaya SSR (V. Palavandishvili). They reported on the state of the indoor service and field work for snow surveys in the mountains, on investigations of snow avalanches and glaciers, as well as on observations in 1958 of the snow cover in the mountains.-I. Kisin reported on glacier investigations in the mountains of Azerbaydzhan and Dagestan.-V. Sh. Tsomaya put forward the results of investigations on the correlation between route snow surveys and stationary observations, as well as formulas for the calculation of water reserves in snow according to the quantity of precipitations

in winter measured with the rain gauge. He reported on the state of glacier investigations in the Caucasus. G. N. Khmaladze reported on the work of the TNIGMI on the subject of snow avalanches, and gave a survey of avalanche slips in the various regions of the Great and Little Caucasus from 1933 to 1955.- A. A. Pogosyan reported on his determination of the water reserves in snow at an altitude of 1800-2400 m.

TSOMAYA, V.Sh.

Methods for carrying out itinerary snow surveys and analyzing observation data. Trudy Tbil. NIGMI no.3:48-73 '58. (MIRA 11:10)

1. Tbilisskiy nauchno-issledovatel'skiy gidrometeorologicheskiy institut.

(Caucasus--Snow)

AUTHORS: Tsomaya, V. Sh., Kisin, I. M. SOV/50-58-8-9/18

TITLE: Some Results of Glaciological Work at the Glaciers Addala-Shukhgel' in Dagestan (Nekotoryye rezul'taty glyatsiologicheskikh rabot na lednikakh Addala- Shukhgel' v Dagestane)

PERIODICAL: Meteorologiya i gidrologiya, 1958, Nr 8, pp 40-42 (USSR)

ABSTRACT: The glaciers of Dagestan represent river sources and a constant water supply. This shows that the investigations of these glaciers is interesting from the practical as well as from the scientific point of view. The mountain Addala-Shukhgel'-Meer is the highest peak of the Bogos chain (Bogosskiy khrebet) in Dagestan. The glaciers are on the northern slope of the mountain: the southern (S) (Yuzhnyy), and the southeastern (SE) (Yugo-Vostochnyy) one (Refs 1, 2). An expedition of the UGMS of the Azerbaydzhanskaya SSR carried out work here in the summer 1957. Stationary glaciological, hydrological, and actinometrical observation points were constructed in order to explain various problems. Furthermore photographs were taken of the glacier snouts and of the transversal- and longitudinal profiles of the surface. Compared to the data of 1932 the following changes had taken place: a) The glaciers S and SE are

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separated now. The snout of the SE glacier was reduced by 440 m. Thus the annual reduction amounts to 25 - 26 m. In consequence of the rapid reduction dead ice is formed on the right bank of the trough. The ice is covered by a thick layer of moraine material. The glacier S was reduced by only 88 m. An adjacent glacier Belengi was reduced by 290 m within this interval. Furthermore a characteristic of the weather and its influence on the glacier reduction is given. Figure 1 shows the glacier outlines in their development. Table 1 gives the corresponding data. The discharge coefficient $(\frac{Q}{x+h}) = 0,962$ does not differ considerably from the other glacier discharges of Central Asia (Srednyaya Aziya) and the Caucasus (Kavkaz). There are 1 figure, 1 table, and 2 references, which are Soviet.

TSOMAYA, V.Sh.; KISIN, I.M.

Results of glaciological research work on the glaciers Addala-Shukhgel' in Daghestan. Meteor. i gidrol. no.8:40-42 Ag '58. (MIRA 11:8)
(Daghestan--Glaciers)

TSOMAYA, V. Sh.

Tsomaya, V. Sh. and Poklepa, V. F. and KHMALADZE, G. N.
"The Duration of the Vernal-Aestival Floods in the Rivers of Transcaucasia and on the Method of Their Calculation as well as on the Method of the Determination of the Water Supplies in the Snow According to Given Records of Snow Routes."

Report presented at the Scientific Session of Tbilisi Scientific Research Institute for Hydrometeorology, May 1957. (Meteorologiya i Gidrologiya, No. 1, 1958).

TSOMAYA, V.Sh.

Calculating the density of snow in the mountain basin. Trudy Tbil.NIGMI no.1:69-77 '56. (MLRA 10:9)
(Georgia--Snow)

TSOMAYA, V.Sh.; KISIN, I.M.

Characteristics of the formation of the flow of glacier-fed rivers in the eastern Caucasus. Sbor. rab. po gidrol. no.2:137-143 '61. (MIRA 15:2)

1. Tbilisskiy nauchno-issledovatel'skiy gidrometeorologicheskiy institut i Upravleniye gidrometeorologicheskoy sluzhby AzerSSR.
(Bogos Range—Runoff)

31873
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E193/E383

1.1710

AUTHORS: Brovman, M.Ya., Mel'nikov, A.F., Tsomik, I.I. and Mimukhin, B.M., Engineers

TITLE: Heat-treatment of welded constructions

PERIODICAL: Metallovedeniye i termicheskaya obrabotka metallov, no. 12, 1961, 28 - 29

TEXT: The object of the present investigation was to develop an improved method of stress-relieving of welded constructions. To this end, the stress-distribution in fillet-welded beams of various shapes before and after different types of heat-treatment was studied by X-ray diffraction and with the aid of wire strain gauges. It was found that, in addition to tensile and compressive stresses, bending and torsional stress may be set up in welded constructions. One of the heat-treatments studied consisted of heating the weld with suitably mounted travelling torches. When this treatment was carried out in such a way that the material adjacent to the weld was heated without raising the temperature of the weld itself, tensile stresses were set up in the weld which, as a result, became

Heat-treatment of ....

plastically deformed. If the difference, ΔT, between the temperature of the cold-welding and the heated part of the welded construction was correctly chosen, the residual stresses disappeared after treatment of this type. The correct temperature interval can be calculated from a formula:

$$\Delta T = \sigma_s / E\alpha$$

where σ_s is the yield strength of the steel,
E its elastic modulus, and
α the linear coefficient of thermal expansion.

The rate of torch traverse is given by:

$$v = E\alpha q / c\gamma\delta\sigma_s ,$$

where q is the linear heat-power rating of the torch,
c is the specific heat of the steel,
γ its density, and
δ the thickness of the material.

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Heat-treatment of ....

v = 0.0068 q/δ for carbon and low-alloy steels. The effectiveness of this treatment was studied on welded box-beams, stress-relieved with the aid of equipment shown diagrammatically in the figure. This consisted of two oxy-acetylene torches (1), mounted symmetrically opposite each other in such a way that both sides of the beam could be heated simultaneously, and two water-spraying jets (2) for cooling the welds while the adjacent material was being heated. The whole device was moved along the beam on suitably mounted rollers. The consumption of acetylene and oxide was, respectively, 3.5 and 4.2 m^3/h per torch, the water consumption being 0.5 litres/min per jet. When the traverse rate was correctly chosen, this treatment was more effective than stress-relieving in a furnace. Thus, after a treatment at a traverse rate of 25 cm/min, the residual stresses in the beam studied were 3.45 times lower than in untreated specimens and 3.25 times lower than in specimens stress-relieved in a furnace. The absence of residual stresses in welded constructions, stress-relieved by this method, was confirmed by X-ray analysis and by measuring the internal stresses by standard methods. The process described in the present paper

Heat-treatment of ....

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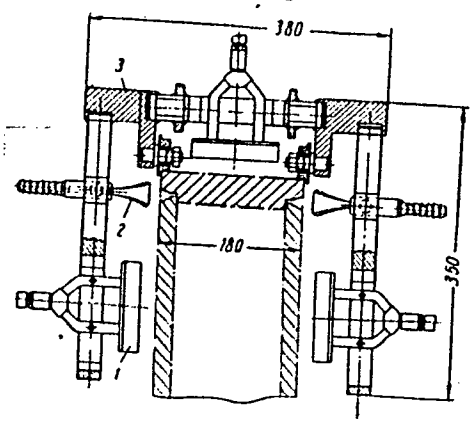
can be used for stress-relieving of both fillet and butt welds, is easily automated and is 25 - 30 times shorter than furnace heat-treatment. When it is used on beams with a wall thickness of 20 - 40 mm, the traverse rate of the torches should be 10 - 30 cm/min. Great care must be taken to ensure that only the weld is cooled by the water jets during this treatment.
[Abstracter's note: this is an abridged translation.]
There is 1 figure.

Figure:



Card 4/4

BROVMAN, M.Ya., inzh.; MEL'NIKOV, A.F., inzh.; TSOMIK, I.I., inzh.; MIMUKHIN, B.M., inzh.

Heat treatment of welded structures. Metalloved. i term.obr.met. no.12:28-29 D '61. (MIRA 14:12)

1. Yuzhno-Ural'skiy mashinostroitel'nyy zavod.
(Structural frames--Welding)
(Thermal stresses)

TSOMIROV, E.I., inzh.; KREL'MAN, E.B., inzh.

Lining of a gravity trough with basalt tiles. Put' i put.khoz. 6 no.2:31-32 '62. (MIRA 15:2)
(Stone industry--Equipment and supplies) (Tiles)

KIRILYUK, V.P.; LAYFMAN, Ye.M.; SIVOROHOV, A.A.; CHEDZHEMOV, G.Kh.; MAMCHUR, G.P.; TS'CH', C.V.

New data on the absolute age determination of some geological formations in the Amazar-Shilka interfluve (east Transbaikalia). Geokhimiia no.12:1244-1255 D '64. (MIRA 18:8)

1. Gosudarstvennyy ordena Lenina universitet imeni Iv. Franko, L'vov.

TSONCHEV, Iv.; TANEV, Dim.

Temporary renal diabetes in acute glomerulonephritis; pathogenesis of renal glycosuria. Suvrem. med., Sofia 5 no.6:38-44 1954.

1. Iz vutreshnoto otdelenie pri Okoliiskata bolnitsa, Plovdiv. Gl. lekar: G.Ivanchev.
(GLYCOSURIA, etiology and pathogenesis, glomerulonephritis)
(GLOMERULONEPHRITIS, complications, glycosuria)

TSONCHEV, Iv.; TANEV, D.

Simultaneous determination of glomerular filtration, maximal tubular reabsorption of glucose, and average glucose threshold; results with Govaerts' method. Suvrem.med., Sofia 6 no.1:85-90 1955.

1. Iz Okaliiskata bolnitsa - gr. Plovdiv (gl. lekar: G. Ivanchev)
(KIDNEY FUNCTION TESTS,
glomerural filtration, tubular reabsorption & glucose threshold, simultaneous tests)

TSONCHEV, Iv.; KARACHOLEV, Il.

Epidemiology of Q fever in Plovdiv; two epidemics of Q fever. Suvrem.med.,Sofia 6 no.4:3-10 '55.

1. Iz vutreshnoto otdelenie pri okoliiskata bolnitsa-Plavdiv, i Okruzhnata sanepidstantsiia-Plovdiv (gl.lekar: As.Stoianov)
(Q FEVER, epidemiology,
in Bulgaria, epidemic outbreaks)

TSONCHEV, Iv.; TANEV, Dim.

Renal component in glycosuria in diabetes mellitus. Suvrem. med., Sofia 6 no.10:19-27 1955.

1. Iz vutreshnoto otdelenie pri Okoliiskata bolnitsa, Plovdiv (gl. lekar: M.Paunova).
(DIABETES MELLITUS, physiology,
kidneys (Bul))

TSONCHEV, Iv.; DRAGIEV, M.

Castric cancer with generalized intralymphatic carcinosis.
Suvrem.med., Sofia 6 no.10:109-111 1955.

1. Iz vutr. otdelenie pri Okoliiskata bolnitsa, Plovdiv (zav.otd.: Iv.Tsonchev), i Patologoanatomichniia institut pri Visshiia meditsinski institut I.P.Pavlov, Plovdiv (zav. katedrata: prof. As. Prodanov).

(STOMACH, neoplasms,
with lymph vessels carcinosis (Bul))
(LYMPHATIC VESSELS, neoplasms,
carcinosis, generalized, in cancer of stomach (Bul))

TSONCHEV, Iv.; MARTINOV, As.

Two Q fever epidemics in the Plovdiv region. Izv. Mikrob. inst., Sofia no.8:611-639 1957.

1. Vutreshno otdelnie (zav. otd.: d-r iv. Tsonchev) pri okoliiskata bolnitsa v plovdiv.

(Q FEVER, epidemiol.
in Bulgaria (Bul))

TSONCHEV, Iv.; AGOPIAN, K.

Acute Hodgkin's lymphogranulomato-sarcomatosis. Suvrem. med., Sofia 8 no.5: 84-91 1957.

1. Iz Vutreshnoto otdelenie na Okoliiskata bolnitsa--Plovdiv (Zav. otdelenieto: Iv. Tsonchev) i Katedrata po patologoanatomiia pri VMI I. P. Pavlov-Plovdiv (Zav. katedrata: prof. A s. Prodanov).
(HODGKIN'S DISEASE, case reports,
(Bul))

TSONCHEV, I.; PACHEDZHIEV, L.; MARTINOV, A.

Pheochromocytoma; modern diagnostic and therapeutic possibilities. Khirurgiia, Sofia 10 no.12:1086-1092 1957.

1. Vissh meditsinski institut "I. P. Pavlov"--plovdiv katedra po propedevtichna: khirurgiia Zav. katedrata: dots. Iuri Toshev Okoliiska bolnitsa--plovdiv.

(PHEOCHROMOCYTOMA, diag. & ther. (Bul))

TSONCHEV, I.; TANEV, D.

A new method of simultaneous determination of glomerular filtration, maximum tubular reabsorption of glucose and an average threshold of glucose excretion. Suvrem. med., Sofia 9 no.1:84-91 1958.

1. Iz Okaliiskata bolnitsa. g. Plovdiv (G. Lekar: M. Paunova).
(KIDNEY FUNCTION TESTS,
simultaneous determ. of glomerular filtration, maximum tubular glucose reabsorption & average glucose excretion (Bul))

TSONCHEV Iv

EXCERPTA MEDICA Sec 6 Vol 13/10 Internal Med Oct 59

6030. TREATMENT OF HEAVY POISONINGS WITH PARATHION (Bulgarian text) - Tzontshnev Iv. Med. Dept., Reg. Hosp., Plovdiv - SAVR. MED. 1958, 9/4 (95-97)

A desperately ill patient, heavily poisoned with parathion, was successfully treated with atropine. The total dosis was 22 mg., administered i.v. and i.m. in the course of 16 hr. A pharmacodynamic action, directly opposing the symptoms, was observed. No other measures were employed. Recovery set in on the 2nd day. The patient was free of symptoms on the 3rd day.

TSONCHEV, I.

Pathogenesis of Hodgkin's disease with case findings. Suvrem. med., Sofia 9 no.6:78-81 1958.

1. Iz vutreshnoto otdelenie na Okoliiskata bolnitsa v gr. Plovdiv.
(HODGKIN'S DISEASE, pathol.
post-mortem findings (Bul))

TSONCHEV, Iv.

Treatment of viral hepatitis with novurit. Suvrem. med., Sofia 9 no.9: 76-80 1958.

1. Iz Vutreshnoto otdelenie pro Okoliiskata bolnitsa--Plovdiv (Glaven lekar: G. Terziev).

(HEPATITIS, INFECTIOUS, ther.
mercurophylline (Bul))
(DIURETICS, MERCURIAL, ther. use
mercurophylline in infect. hepatitis (Bul))

TSONCHEV, I.

Characteristics of glucose reabsorption in diabetes mellitus.
Suvrem.med.,Sofia no.6:75-85 '59.

1. Iz Okoliiskata bolnitsa - Plovdiv. Glaven lekar: S. Kunev.
(DIABETES MELLITUS physiol.)

L 2078-66

ACCESSION NR: AP5027213 BU/0016/65/000/001/0013/0023

AUTHOR: Stoyanova-Anto a, Z.; Tsonchev, I.; Ruseva, N. 16 B

TITLE: Sequelae of h patitis--Incidence and clinical forms followed-up from 2 to 6 years

SOURCE: Suvremenna medicina, no. 1, 1965, 13-23

TOPIC TAGS: hepatitis, disease incidence, internal medicine, clinical medicine

ABSTRACT: Report of clinical and laboratory data about the persistence of symptoms in 15.04% out of 984 patients who recovered from viral hepatitis between 2 and 6 years earlier. Various symptoms are tabulated and discussed in detail, with case reports. Orig. art. has 9 tables and 2 graphs.

ASSOCIATION: Okruzhna bolnitsa, Plovdiv (District Hospital)

SUBMITTED: Jun63 ENCL: 00 SUB CODE: LS

NO REF SOV: 003 OTHER: 025 JPRS

Card 1/1 CJP

STOYANOVA-ANTOVA, M.; [illegible], Iv.; [illegible], N.

Apropos of postbcg[illegible] tuberculous conditions -- incidence and clinical forms during a 2-6 year follow-up. Suvr. med. (Sofiia) 16 no.1:13-23 '65.

1. Okruzhna bolnitsa, Plovdiv (gl. lekar A. Arsov).

BRATANOV, B.; VENKOVAV, I.; GEORGIEV, B.; GITOV, G.; [illegible], G.; KOLAROV, S.
TSONCHEV, V.

Distribution of rheumatism among students in Bulgaria in 1960-1961. Suvr. med. (Sofiia) 15 no.286-22 '64

TSONEV, Iv., ikonomist

A conference on the activity of the socialist brigades for technological progress in Turnovski region. Tekh delo 498 2 9N '63.

1. Zav. naucnata rabota pri Okruzhnoto rukovodstvo na NTS v Turnovo.

TSONCHEV, Iv., k.m.n.; SOLAKOV, P.

cortisone in toxic influenzal cinditions. Suvrem med., Sofia no.4: 59-63 '60.

1. Iz vutreshnoto otdelenie na Okruzhnata bolnitsa, Plavdiv.
(CORTISONE ther)
(INFLUENZA ther)

ADZHAROV, Mikh.; TSONCHEV, Iv.

A focus of Leptospirosis canicola. Suvrem med., Sofia no.6:35-38 '60.

1. Iz Okruzhnata sanepidstantsiia i Okruzhnata bolnitsa, Plovdiv.
((LEPTOSPIROSIS transm.)

BULGARIA

Major MC V. BOYADZHIEV and Capt MC P. TSONCHEV

"Our Study of Assuring Proper Organization of Medical Evacuation Facilities for Armored Units and Groups in Combat Conditions."

Sofia, Voenno Meditsinsko Delo, Vol 18, No 3, Jun 63; pp 8-12.

Abstract : A theoretical analysis and discussion of organizatory plans for moving medical personnel primarily in relation to movements of the staff of the armored unit which the former serve, and for planned grouping of wounded so as to best ensure rapid and effective medical aid while preserving optimal communications and control.

1/1

TSONCHEV, P.

Echinococcosis on the vertebral column. Khirurgiia, Sofia 11 no.2: 177-180 1958.

1. (Iz Okruzhnata stantsiia za burza pomoshch-Khaskovo).
(SPINE, diseases,
echinococcosis (Bul))
(ECHINOCOCCOSIS, case reports,
spine (Bul))

TSONCHEV, P.

Cases of pathological fractures. Khirurgiia, Sofia 11 no.5-6:508-510 1958.

1. Iz Okruzhnata bolnitsa--Khaskovo.
(FRACTURES, case reports,
caused by various dis. (Bul))

TSONCHEV, P.

Haemolymphangioma cavernosum axillae dextrae. Khirurgiia, Sofia 11 no.9: 869-870 1958.

1. (Iz okruzhnata bolnitsa za burza pomoshch—Khaskovo).
(ANGIOMA, case reports,
axilla (Bul))
(AXILLA, neoplasms,
hemolymphangioma (Bul))

TSONCHEV, Tsoncho, A.

The salamander, keeper of the forests. Prir i znanie 16 no.6: Je'63.

TSONCHEV, Tsoncho

Natural Science Museum of Kotel. Biol i khim 6 no.5:47-48 '63.

1. Urednik na Muzeja, Kotel.

TSONEV, Nacho

The smallest detector. Radio i televiziia 11 no.12:360 '62.

TSONEV, Iordan R., inzh.

Physical characteristics and conditions of the appearance of ice formation on the main electric lines and the communication lines. Priroda Bulg 12 no. 4: 79-84 Jl-Ag '63.

TSONEV, Iordan, inzh.

Regulating the frequency and exchange power of interconnected electric power systems. Elektroenergiia 14 no.3:11-15 Mr '63

TSONEV, TS.

Terms for indicating the relation of the number of dead animals to those susceptible and diseased. Veterinariia 39 no.11:14-15 N '62. (MIRA 16:10)

1. Akademiya sel'skokhozyaystvennykh nauk, Bolgariya.

HESHKOV, Vl.; TSONCHEV, Ts.

Salamandra salamandra L. in the Vitosha Mountains. Izv Zool inst BAN no.13:79-91 '63.

TSONCHEV, V.; POPOV, N.

The rheumatoid factor (RF, rheuma factor, agglutination activating factor, RA factor). Suvrem med., Sofia no.1:125-131 '61.

(ARTHRITIS RHEUMATOID immunol)

TSONEV, Anatoli Kh., inzh.

Resonance air-breathing jet engines. Tekhnika Bulg 12 no.7: 29-30 '63.

TSONEV, Anatoli, inzh.

Rocket engines with solid fuel. Tekhnika Bulg 11 no.8:315-317 '62.

TSONEV, D.

"Amino acid composition of industrial penicillin mycelium, Penicillium chrysogenum." In Russian. p. 61

DOKLADY. Sofiia, Bulgaria, Vol. 12, No. 1, January/February, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 9, No. 2, February, 1960. Uncl.

SOV/ 20-120-2-41/63

AUTHOR: Tsonev, D. T.

TITLE: An Investigation of the Content of the Most Important Amino Acids in the Proteins of Phaseolus vulgaris Seeds (Issledovaniye soderzhaniya vazhneyshikh aminokislot v belkakh semyan fasoli)

PERIODICAL: Doklady Akademii Nauk SSSR, 1958, Vol. 120, Nr 2, pp.368-371 (USSR)

ABSTRACT: Ripe bean seeds (Phaseolus vulgaris) contain considerable amounts of protein substances. But the data on the composition of amino acids of bean proteins are incomplete. A more thorough investigation of this problem should precisely determine the biological value of these substances. The author investigated the quantitative content of 12 amino acids in the total protein of 3 sorts of beans in Bolgariya (Bulgaria) which are most widely spread there and which belong to the variety subcompressus. The method of Klimenko (Ref 3) was employed, but the protein precipitation by HCl was performed at pH 4,5 - 5,0. 2 types of two-dimensional chromatograms

Card 1/4

An Investigation of the Content of the Most Important Amino Acids in the Proteins of Phaseolus vulgaris Seeds

were used for the complete separation of the respective amino acids. The obtained average results of 4 - 6 determinations are shown in table 1. As follows from it the strongest variations of the content of the following substances were determined according to their sort: phenyl-alanine, arginine, thyrosine, threonine, isoleucine, valine, lysine and glutamic acid. The bean sort Nr 1028, as compared to the two others, has an increased content of arginine, lysine, valine and glutamic acid. The differences of content of the other amino acids lie within the domain of the error of determination. The obtained data lie within the limits found by Smirnova-Ikonnikova (Ref 1). The data of content of phenyl-alanine, threonine, leucine, isoleucine and valine supplement the knowledge on the amino acids of the total protein of bean seeds and render a more complete idea on their nutrient value. From table 1 is to be seen that phaseoline, as compared to the total protein, is distinguished by a somewhat reduced content of arginine, lysine and aspartic acid and a strongly reduced valine content. Only the leucine content in phaseoline is higher than in the total protein. The total protein of

An Investigation of the Content of the Most Important Amino Acids in the Proteins of Phaseolus vulgaris Seeds SOV/ 20-120-2-41/63

bean seeds is of fuller value than phaseoline. A comparison of the nutrient value of bean seeds with that of meat was performed. From the investigations follows that a comparatively serious lack of leucine exists in the total protein of bean seeds alone. There are 2 figures, 2 tables, and 6 references, 5 of which are Soviet.

ASSOCIATION: Vysshiy sel'skokhozyaystvennyy institut im. Georgiya Dimitrova Sofiya, Bolgariya
(Sofiya, Higher Agricultural Institute imeni Georgiy Dimitrov, Bulgaria)

PRESENTED: January 18, 1958, by A. I. Oparin, Member, Academy of Sciences, USSR

SUBMITTED: January 15, 1958

Card 3/4

An Investigation of the Content of the Most Important Amino Acids in the Proteins of Phaseolus vulgaris Seeds SOV/20-120-2-41/63

1. Seeds--Properties 2. Amino acids--Determination 3. Chromatographic analysis--Applications 4. Seeds --Test results

Card 4/4

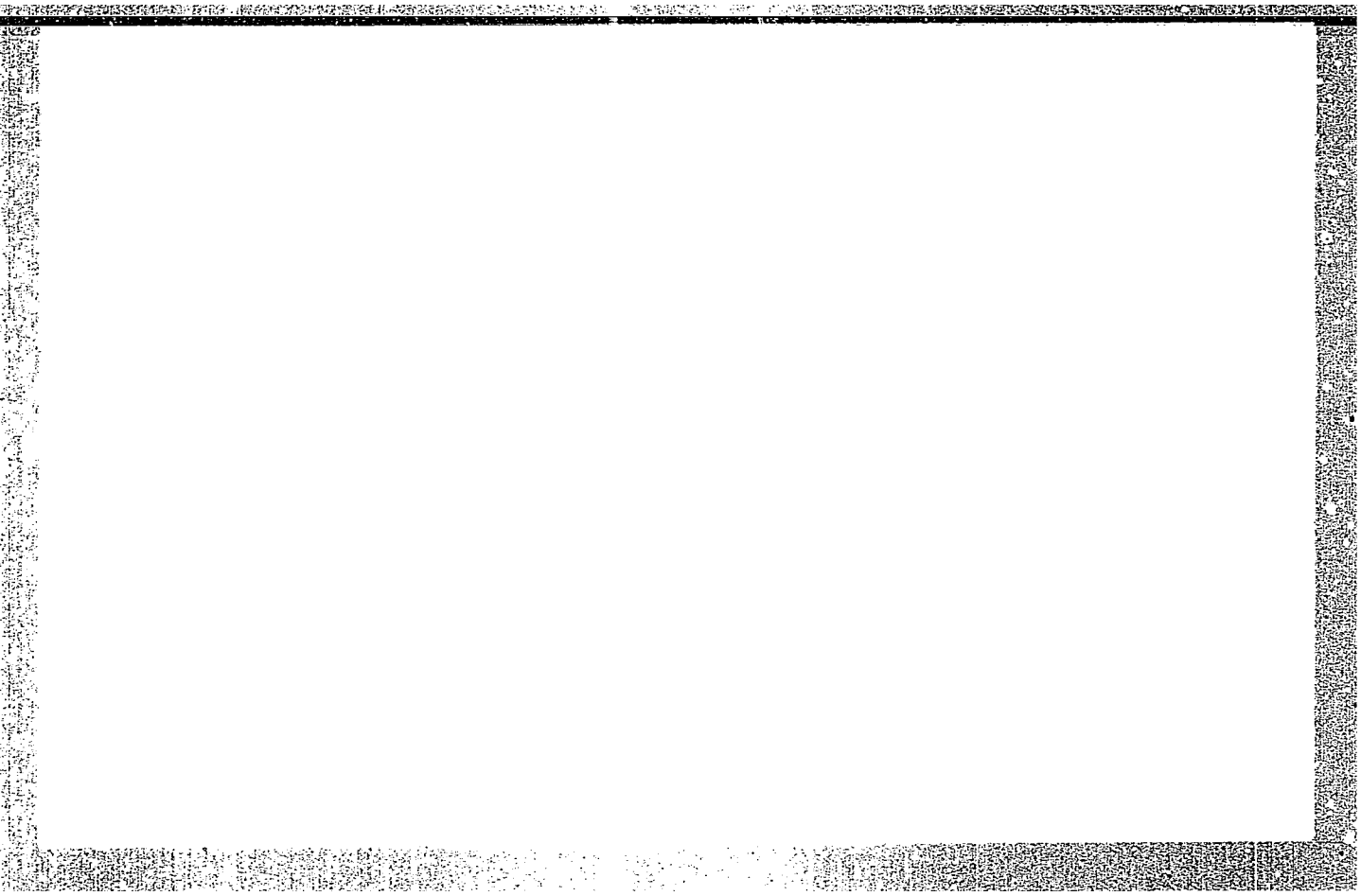
TSONEV, D. T.

"The Study of the Content of Certain Amino Acids and Nitrogen Forms of the Cabbage Vegetables." Cand Biol Sci, Moscow Order of Lenin Agricultural Acad imeni K. A. Timiryazev, Moscow, 1954. (KL, No 3, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (13)
SO: Sum. No. 598, 29 Jul 55

4068 TSONEV. D.T.

Izucheniye soderzhaniya nekotorykh aminokislot i forn azota kapustnykh ovoshchey. M., 1954 14 c. 21 cm. (Mosk. ordena Lenina s-kh. Akad. im. K. A. Timiryazeva). 110 ekz. B. ts. - (54-56649)



APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757130003-4"

TSONEV, G.

Radio networks in water transportation. p. 7.

RADIO. Vol. 5, no. 2, 1956

Sofiia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 6, No. 1, January 1957

DIMCHEV,D.; BURZEVA,L.; AFRAKHAMIAN,G.; APOSTOLOV,L.; TSONEV,I.; PANITSA, D.; PRIKOLOGIN,M.; GENEVA,V.

On causes,appearance, clinical aspects, therapy and prophylaxis of organic phosphate poisoning in the rural industry in the Plovdiv region. Suvrem. med.,Sofia 11 no.2-3:80-89 '60.

1. Iz VMI "I.P.Pavlov" - Plovdiv, i Okruzhnata sanitarno-epidemiologichna stantsiia - Plovdiv.
(PHOSPHATES toxicol.)

TASHEV, T.; GRUNCHAROV, V.; TSONEV, Iv.

Clinical and experimental studies on the new Bulgarian preparation "Biliregulin". Suvr. med. 13 no.12:3-10 '62.

(CHOLEGOGUES AND CHOLERETICS)
(LIVER DISEASES) (BILE DUCTS)
(BILIARY DYSKINESIA)
(CHOLANGITIS)

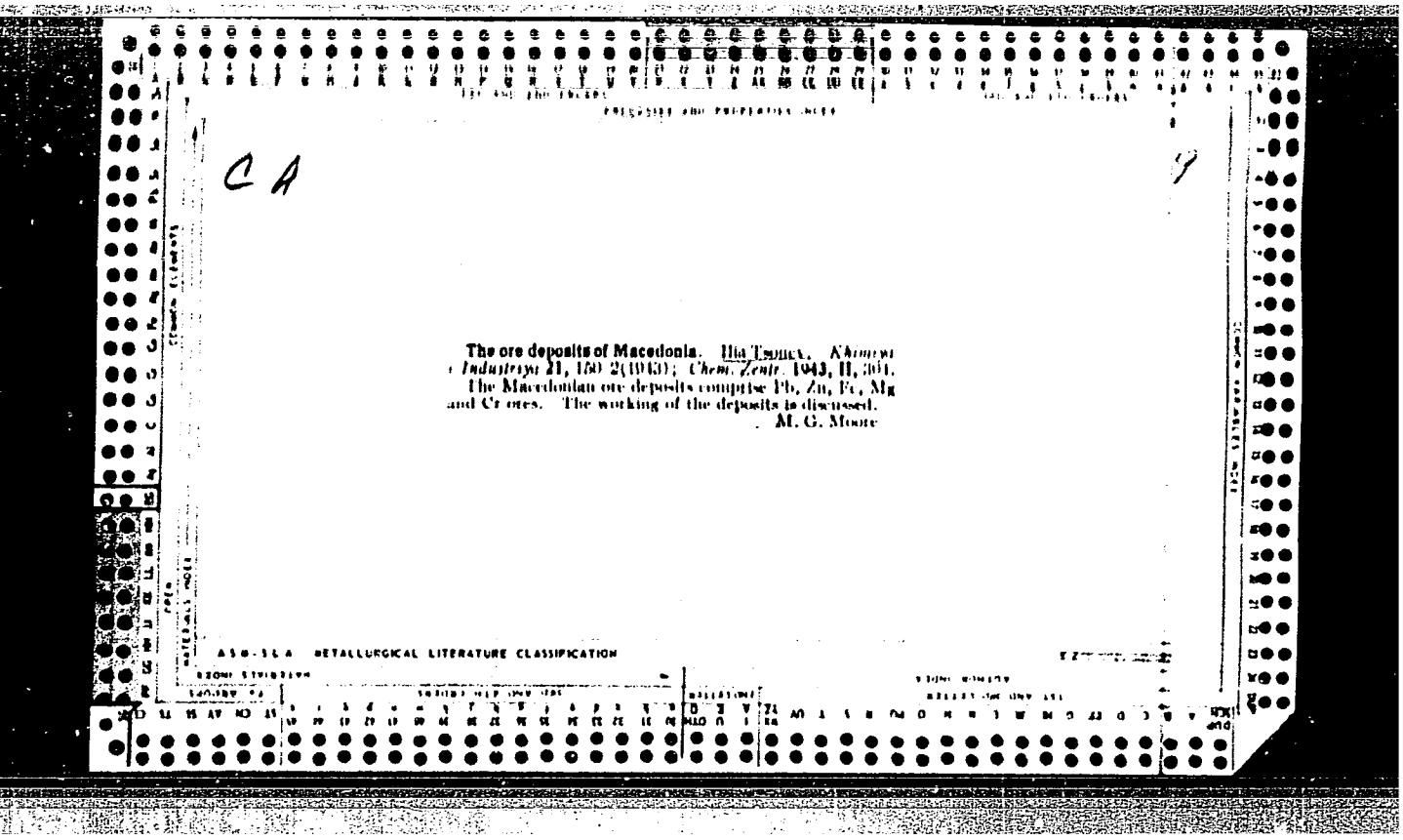
PETKOV, V.; POPOV, St.; TSONEV, Iv.

Pharmacodynamics and toxicology of alkaloids of Veratrum lobelianum. Farm. i toks.. 22 no.4:324-331 Jl-Ag '59. (MIRA 13:1)

1. Kafedra farmakologii i toksikologii s laboratoriyey po fiziologii vysshey nervnoy deyatel'nosti (zav. - prof. V. Petkov) Instituta spetsializatsii i usovershenstvovaniya vrachey (Sofiya).
(VERATRUM pharmacol.)

MIKHAILOV, K., inzh.; VELCHEV, St., inzh.; STANEV, St., arkh.; TSVETKOV, V., inzh.; VELKOV, As., ikon.; GUDEVA, Zh., inzh.; SOTIROV, Iv., inzh.; TSONEV, D., inzh.; KHRISTOVA, S., inzh.; RAIKOV, Il., inzh.; KOSTADINOV, V., inzh.

Current problems of urban electrical engineering. Elektroenergiia 16 no.1:3-7 Ja '65.



CA

The ore deposits of Macedonia. Ilia Tsonev. *Khimiya i Industriya* **21**, 150–2(1943); *Chem. Zentr.* 1943, II, 301. The Macedonian ore deposits comprise Pb, Zn, Fe, Mg and Cr ores. The working of the deposits is discussed.
M. G. Moore

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

BULGARIA

T. TASHCHEV, V. GRUNCHAROV and Iv. TSONEV, Department of Gastroenterology and Dietetics (Katedra po Gastroenterologiya i dietetika) Head (zaveduvashti) Prof T. TASHCHEV, and Department of Pharmacology of ISUL (Katedra po farmakologiya pri ISUL), Head Prof V. PEIKOV

"Clinical and Experimental Studies with the New Bulgarian Preparation Bilireguiin."

Sofia, Suvremenna Meditsina, Vol 13, No 12, 1962; pp 3-10.

Abstract [English summary modified]: Studies in rats and dogs, and in 30 patients, of "Bilireguiin" choleretic preparation containing extractives of strawberry, cabbage, black turnip; "Lipocrin" (lipotropic "hormones" from pancreas), dehydrocholic acid, glucose and starch. Generally doubles bile secretion upon peroral administration, action lasts for 2 hours. Table, 5 diagrams; 6 Bulgarian (incl. thesis) 1 Soviet unpublished, 1 Czech, 2 Western references.

1/1

KIRCHEVA, S.S.; DRAGIYEV, T.; TSONEV, Iv.; KONSTANTINOVA, Bl. (Bolgariya)

Influence of microwave energy on the course of experimental bronchial pneumonia in rabbits. Vop. kur., fizioter. i lech. fiz. kul't. 25 no. 6:521-524 N-D '60. (MIRA 14:2)

1. Iz kafedry fizioterapii i kurortologii (zav. - prof. S.S. Kircheva), kafedry farmakologii i toksikologii (zav. - prof. V.Petkov) i kafedry obshchey patologii i patologicheskoy anatomii (zav. - Iv. Goranov) Instituta spetsializatsii i usovershenstvovaniya vrachey v Sofii.
(MICROWAVES--PHYSIOLOGICAL EFFECT) (PNEUMONIA)

TSONEV, Ivan

Interpretation of the time of discharge and the hydrograph of the surface runoff. Khidro i meteorolog no.2:52-59 '63.

TSONEV, Ivan, inz.

Determination of the drainage modulus of a surface runoff.
Khidrotekh i melior 8 no.4:112-114 '63.

DELIBALTOV, Iosif; TSONEV, Ivan; KHRISTOV, Khristo; TSOLEV, Boian

Precipitations as asset in the soil moisture balance in determining the irrigation norm. Selskostop nauka 2 no.1: 5-11 '63.

TSONEV, I.K.

Changes of essential oils and tars in the tobacco drying process. Izv. vys. ucheb. zav.; pishch. tekh. no.4:58-61 '61. (MIRA 14:8)

1. Krasnodarskiy institut pishchevoy promyshlennosti, kafedra tekhnologii tabaka.
(Tobacco--Analysis and chemistry)

TSONEV, Iv.T., kand. med. nauki: OVCHAROV, R.G.

Certain recent data on the physiology and pharmacology of excretory activities of the kidney. Suvrem med., Sofia no.7-8:181-191 '60.

1. Iz Katedrata po farmakologiia i toksikologiia s laboratoriia po fiziologiia na visshata nervna deinost pri ISUL (Rukov. na katadrata prof. V.Petkov)
(KIDNEYS pharmacol)
(DIURETICS pharmacol)

TSONEV, Iv. T.

Studies on the effect of some amidines with radiation protection effect on the blood pressure and respiration of experimental animals. Suvrem med., Sofia no.2:15-23 '61.

1. Katedra po farmakologiia i toksikologiia s laboratoriia po fiziologiia (Rukov. na katedrata prof. V. Petkov.

(RESPIRATION pharmacol) (BLOOD PRESSURE pharmacol)
(AMIDINES pharmacol) (RADIATION PROTECTION exper)

TSONEV, K.

On thyroid function in cardiac decompensation. Suvr. med. 16 no. 6:337-342 '65.

1. Katedra po fakultetska terapiia, Vissh meditsinski institut, Plovdiv (Rukovoditel - prof. B. IUrukov).

TSONEV, M.

SURNAME, Given Names

(2)

Country: Bulgaria

Academic Degrees: Dr

Affiliation: Senior Physician at the Ministry of Public Health and Social Welfare (Ministerstvo na Narodnoto Zdrave i Sotsialni Grizhi)

Source: Sofia, Sredon Moditsinski Rabotnik, No 7, 1961, pp 34-37

Data: "Combating Infant Mortality in Bulgaria"

GPO 981643

BULGARIA

TSONEV, Petŭr, Senior Assistant at Veterinary College (starshi asistent vuv VVMI,) [Sofia.]

"Heredity and Changeability of Rhodop Mountain Cattle Crossed with Sofia Brown Cattle."

Sofia, Veterinarna Sbirka, Vol 60, No 5, 1963; pp 25-27.

Abstract: Report and discussion of variability of 123 skull measurement values in each of 86 skulls, 24 Rhodop, 38 Sofia Brown and 24 Mixed Breed cattle. In general, the latter seems to be very strikingly intermediate between the small-skull Rhodop and the large-skull Sofia Brown. Diagram illustrating measurements taken, photograph of the 3 skulls.

ABRASHEV,G.; TSONEV,M.; ZAKHARIEV,Iv.; TOSHKOV,D.; DIMITROV,D.; KHRISTOZOV,G.

Operational testing of diesel oil under testing conditions in the Zetor-25 tractor diesel engine. Khim i industriia 35 no.5: 181-183 '63.

L 40292-66 EWT(m)/T

ACC NR: AR6014583 SOURCE CODE: UR/0081/65/000/021/P013/P013

AUTHORS: Abrashev, G.; Tsonev, M.

TITLE: Preparation of motor oils from Dolnodubnishskaya petroleum (NRB). 2nd report. Selective refining of the oil distillation fractions

SOURCE: Ref. zh. Khimiya, Abs. 21P113

REF SOURCE: Godishnik N.-i. in-t koksokhim. i neftoprerab., v. 2, 1964, 169-180

TOPIC TAGS: petroleum refining, phenol, furfural, fluid viscosity measurement, lubricating oil

ABSTRACT: Comparison of the selective refining of Dolnodubnishskaya petroleum distillation oil fractions using furfural (I) and phenol was performed under laboratory conditions. It was established that employment of I in a ratio of 1:1 or 1:1.75 to the crude material yielded high quality motor oils with viscosity index > 85 from oils of viscosity ν_{100} 7 and 10 centistokes. Increase of the ratio of I to the raw material results in super-refining of the product and also enhances the undesirable properties of the oils. Deparaffinization with acetone-benzene-toluene mixture at -28C and refining with 5% fuller's earth yields 68 and 62% of the final product from oils of viscosity ν_{100} 7 and 10 centistokes, respectively. From a summary. [Translation of abstract]

SUB CODE: 11,07

Card 1/1 nlp

MATEEV, M.; TSONEV, TS.; KRUSTEV, V.; LIUTSKANOV, D.

Brucellosis in swine. Pt. 2. Izv Vet inst zaraz parazit 7 29-42 '63.

DIMITROV, N.; TSONEV, TS.; MINEV,M.; IORDANOV, St.; KARAIVANOV, L.; LIUTSKANOV, D.; KRUSTEV,V.; MONTIANOV, St.

Epizootiology, prophylaxis, and control of the foot-and-mouth disease in cloven-footed animals in Bulgaria in 1959-1960. Izv Vet inst zaraz parazit 9:33-48 '63

TSONEV, TS.; MATEEV, M.; SLAVKOV, Il.; BOZHILOV, B.

Etiology and epizootiology of salmonellosis and pullorosis in chickens in the districts of Varna and Kolarovgrad. Izv Vet inst zaraz parazit 7 43-56 '63.

TSONEV, V.; ZAKHARIEV, B.

Cold resistance of the red oak acorn. p. 29.

NAUCHNI TRUDOVE. Vissh lesotekhnicheski institut. Sofiia, Bulgaria, Vol. 6, 1958.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, No. 1, January 1960.

Uncl.

TSONEV, V.

AGRICULTURE

Periodical: NAUCHNI TRUDOVE. Vol. 5, 1957.

TSONEV, V. Convenient method for preserving oak acorns: preliminary report. p. 159.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 2 February 1959, unclass.

2-3-5/14

TSONEV, V.

AUTHOR: Tsonev, V.

TITLE: Selective Evaluation of Census Materials in the Peoples Republic of Bulgaria.(O vyborochnoy svodke materialov obshchey perepisi naseleniya v Narodnoy Respublike Bolgarii)

PERIODICAL: Vestnik Statistiki, 1957, No 3, May-June, pp 38-41 (USSR)

ABSTRACT: The census of 1 Dec 1956 in Bulgaria was done to obtain data on the Bulgarian population after 1944. The article describes in detail the statistical method used for a fast preliminary selective evaluation of data which was ordered by the Bulgarian government. This preliminary evaluation had to be completed by 1 May 1957. The work system for the fast preliminary evaluation consisted essentially in using the "nest method", i.e. evaluating of lists instead of individual data. The work was done in five separate partial selections. The following theoretical materials were utilized: "Tables of Accidental Numbers", by M. Kadyrov, edition of the Central-Asian State University (Sredneaziatskiy gosudarstvennyy universitet), 1936; Styudent's Table; "The Theory of Probability and the Mathematical Statistics in Techniques" (the general part), by Dunin-Barkovskiy and Smirnow, Moskow, 1955. The TsSU of the Peoples Republic of Bulgaria is at the present time doing the selective eval-

A.

AVAI.

Card :

Card 1/2

16(2) SOV/2-59-3-5/13

AUTHORS: Balevskiy, D., and Tsonev, V.

TITLE: Experience With Spot-Summary of Census Results in the Bulgarian Republic. (Opyt vyborochnoy svodki materialov perepisi naseleniya Narodnoy Respubliki Bolgarii).

PERIODICAL: Vestnik statistiki, 1959, Nr 3, pp 41-48 (USSR)

ABSTRACT: Preliminary approximate results of the 1956 census in Bulgaria were obtained in a 5% spot summary (method of Indian Professor P.Ch.Mekhalonobis). A preliminary summary for all the 20,000 indices used in that census being impossible, the preliminary summary was calculated for only 30 major indices. The article includes the calculations and the formulae used. It was stated after the complete data procession, that the errors of the preliminary summary were correctly estimated and did not exceed practically permissible values. The method is recommended for the use in future.

Card 1/2

SOV/2-59-3-5/13

Experience with Spot-Summary of Census Results in the Bulgarian Republic.

There are 7 tables.

ASSOCIATIONS: Tsentral'noye statisticheskoye upravleniye Narodnoy Respubliki Bolgarii. (The Central Statistical Board of the People's Republic of Bulgaria).(Balevskiy). Vysshiy ekonomicheskiy institut im. Karla Marksa Narodnoy Respubliki Bolgarii (Higher Economic Institute imeni Karl Marx of the Peoples Republic of Bulgaria.) (Tsonev)

Card 2/2

K

Country : BULGARIA
Category : Forestry. Forest Management.

Abs Jour : RŽhBiol., No 6, 1959, No 24729

Author : Tsonev, V.
Inst : -
Title : A Contradiction between Biology and Economics in Forest Management and Means of Overcoming Thereof.

Orig Pub : Gorsko stopanstvo, 1957, 13, No. 7, 307-320

Abstract : A discussion paper in connection with reports and recommendations of the International Conference on Forest Management in Czechoslovakia is presented. The substance of the contradiction consists in the fact that the great economic value of pure coniferous plantations in comparison with mixed coniferbroad-leaved plantations became the cause of wide artificial

Card : 1/3

Country : BULGARIA
Category : Forestry. Forest Management. K

Abs Jour : RZhBiol., No 6, 1959, No 24729

Author :
Inst :
Title :

Orig Pub :

Abstract : forest restorations and forest cultivations of pure coniferous cultures. At the same time, conditions of the places of growth did not respond to biological characteristics of the species, and the cultures perished. This experience created a conception that coniferous monocultures have soil-detriorating effects. However, the evaluation criterion of the pro-

Card : 2/3

TSONEV, V.

Universal Device for Dressing (Decorating) of Glass (Czechoslovak Production). (Light Industry), #1:34:Jan. 55

TSONEV, V. - Gorsko Stopanstvo

Discussion of biological problems in the Soviet Union. P. 469
(GORSKO STOPANSTVO Vol. 10, NO. 10, Dec. 1954)

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9, Sept. 1955 Uncl.

TSONEV, V.

TSONEV, V. The precise results from determining the economic suitability of the seed. p. 67.

Vol. 4, 1956.
NAUCHNI TRUDOVE.
AGRICULTURE
Sofiia, Bulgaria

So: East European Accession, Vol. 6, No. 3, March 1957

TSONEV, V.

"A contradiction between biology and economics in forest management and ways of overcoming it."

p. 307 (Gorsko Stopanstovo. Vol. 13, no. 7. Sept. 1957, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, No. 2, February 1958

TSONEV, V.

Tsonev, V. Universal tool for engraving glass. p. 34. LENA PROMISHLENOST. Sofiya. Vol 4 no. 1, 1955.

SO: Monthly List of the East European Accessions, (EEAL), LC. Vol. 4, no. 10, Oct. 1955. Uncl.

TSONEV, V.

Universal tool for engraving glass. p. 34.
LEKA PROMISHLENOST, Sofiya, Vol. 4, no. 1, 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

TSONEGA, M.

Effect of ultraviolet rays on complement fixation in guinea pig; preliminary communication. Suvrem. med., Sofia 5 no.6:26-32 1954.

1. Iz instituta po obshcha biologiia pri Meditsinskata akademiia V.Chervenkov (direktor: akad. M.Popov.)
(ULTRAVIOLET RAYS, effects,
on complement fixation in guinea pig)
(COMPLEMENT,
fixation, eff. of ultraviolet rays in guinea pig)